



Agromet Advisory Service Bulletin for Raigad District
(Issued jointly by IAAS, Dr. B.S. Konkan Krishi Vidyapeeth,
& Regional India Meteorological Department, Mumbai)
(02358) 282387



No. 59/2019

Date: 23/07/2019

Duration – 5 days

Dr. Ashokkumar Chavan,
Head,
Department of Agronomy
9422373396

Dr. Vijay More,
Nodal Officer,
Department of Agronomy
9422374001

Significant past weather for the preceding week (Period –17/07/2019 to 23/07/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 28/07/2019				
17/07	18/07	19/07	20/07	21/07	22/07	23/07		24/07	25/07	26/07	27/07	28/07
13.2	6.6	2.0	0.0	6.4	9.4	0.0	Rainfall (mm)	40	30	75	50	70
-	-	-	-	-	-	-	Maximum temperature (°C)	32	33	31	29	29
-	-	-	-	-	-	-	Minimum temperature (°C)	26	26	25	25	25
-	-	-	-	-	-	-	Cloud cover (Octa)	7	8	8	8	8
-	-	-	-	-	-	-	Relative Humidity Max. (%)	94	95	96	96	97
-	-	-	-	-	-	-	Relative Humidity Min. (%)	80	82	90	95	95
-	-	-	-	-	-	-	Wind speed (Km/hr)	4	7	7	8	12
-	-	-	-	-	-	-	Wind direction	249	296	247	248	264
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2019 to till dated		Total Rainfall (mm) in last year				
37.6						1493.2		3558.3				

Agro-met Advisory

There is possibility of medium to heavy rainfall from 24th to 28th July, 2019 and sky will be cloudy from 24th to 28th July, 2019.

Extended range rainfall forecast for Konkan division for the period of 26th July to 1st August, 2019 is above normal.

Crop	Stage	Agro Advise
Kharif rice	Tillering	<ul style="list-style-type: none"> During next five days there is forecast for moderate to heavy rain, maintain optimum water level of 5cm in rice field. Carryout weeding in rice field. Apply second split dose of nitrogenous fertilizers urea @ 87 kg/ha to rice crop when it is in tillering stage. <p>Note: Fertilizer application be avoided during heavy rainy days.</p>
Finger millet	Seedling	<ul style="list-style-type: none"> Complete transplanting operation of finger millet seedlings.
Mango	Vegetative	<ul style="list-style-type: none"> Apply paclobutrazol (cultar) for regular flowering, fully developed mango trees of 10 years old and above. Measure average diameter of canopy of the tree and apply cultar @ 3 ml per meter diameter (e.g. If east-west diameter of the plant is 5 m and North – South diameter is 7 ml then average will be 6 m. So far 6 x 3 = 18 ml. will be the quantity of cultar. This quantity of paclobutrazol be mixed in 3 to 5 lits. of water and applied in 25 to 30 holes, 10 to 12 cm deep around the tree basin with help of kudali or crowbar just inside the manuring ring at uniform distance. Then uniform quantity of solution be drenched into holes, followed by closing or plugging of holes with soil. Before application weeds be removed. <p>Note: Paclobutrazol application be avoided during heavy rainy days.</p>
Vegetable crops	Vegetative	<ul style="list-style-type: none"> Apply second split dose of nitrogenous fertilizer urea @ 1.1 kg per guntha to brinjal crop after one month of transplanting. <p>Note: Fertilizer application be avoided during heavy rainy days.</p> <ul style="list-style-type: none"> If the incidence of aphids, leaf hoppers, red pumpkin beetle, leaf eating caterpillars, leaf miner is noticed on brinjal, chilli, bitter gourd, ridge gourd, bottle gourd vegetable crops, spray malathion 20 ml or Dimethoate 15 ml per 10 liters of water at 10 to 15 days interval. <p>Note: mix stickers in insecticide solution before spraying.</p>
Milch animals/Goat /Poultry	-	<ul style="list-style-type: none"> Provide clean and hygienic drinking water to farm animals also protect farm animals from rain. For young goat, provide 200 to 250 gms Concentrate + 3 to 4 kg green fodder + 1.5 kg roughages per day. For boiler poultry bird 1st three week provide boiler starter and 4 to 6 week old bird provide boiler finisher as per their daily requirement. During rainy season, farm animals shows symptoms like Diarrhea, reduction in feed intake and weight loss due to worms, if infection of worms is observed in farm animals worms, give Fenbendazole @ 5 ml or Albendazol 7.5 ml per kg weight of farm animals.

This Agro Advisory Bulletin (AAB) is prepared and published with the consultation and recommendation of SMS committees of “Gramin Krishi Mausam Sewa (GKMS)” Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli.
For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.

